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" Its approximate ephemeris, with the last observations, are here-with enclosed.

" I have the honour to be,

" Respectfully, &c.,

" M. F. MAURY,

" *Lieut. U.S.N.*"

" *Rear-Admiral W. H. Smyth, R.N.*"

Ephemeris of Euphrosyne.

M. T. Washington.	$\alpha.$	$\delta.$
1854, Oct. 19. 9 26 41.9	1 12 15.11	-1 56 7.21

Elements of Euphrosyne, computed by Prof. Keith, from observations of Sept. 2nd, 6th and 10th.

M. 13° 36' 33.3	Sept. 2.721 M. T. Greenwich.
II 352 5 50.6	M. Equ. 1854 0.
Λ 33 29 21.7	
i 22 39 13.6	
φ 4 22 30.2	
log α 0.469530	
log μ 2.845712	

Ephemeris for October.

M. T. Berlin.	$\alpha.$	$\delta.$	$\log r.$	$\log \Delta.$
1854, Oct. 19.5	1 12 0	1 59 21	0.43828	0.24622
23.5	1 7 49	1 47 29	0.43850	0.24937
27.5	1 3 49	1 33 49	0.43873	0.25345
31.5	1 0 3	1 18 18	0.43897	0.25861

II. Letter from W. GRAVATT, Esq., F.R.S., to Col. SABINE, Treas. R.S.

The writer announced the arrival in London of the Swedish Calculating Machine constructed by Mr. SCHEUTZ.